

Applicants hereby elect Group I, claims 1-28 and 53-60, drawn to mobility-modified nucleobase polymers, for examination on the merits.

The Office Action further requires election of a single species for examination on the merits. In response, Applicants hereby elect a mobility-modified sequence specific nucleobase polymer according to Structural Formula (III), as recited in claim 1, wherein R^5 is the reporter molecule FAM (carboxy fluorescein), each X is O, each $a = 2$, each $b = 4$, each $d = 1$, $R^4 = R^2 = \text{ethyl}$, $R^{10} = R^2 = \text{ethyl}$, and **OLIGO** = a sequence-specific oligodeoxynucleotide (e.g. having the following nucleotide sequence 5'-GGGACGGGGTTCAGC-3'), wherein the mobility-modifying polymer of Structural Formula (III) is attached to the 5'-end of the oligodeoxynucleotide and wherein a polyethylene oxide polymer (PEG-5000) is attached to the 3'-end of the oligodeoxynucleotide. Claims 1-5, 9, 10, 13, 15-18, 20, 21 read upon this elected species.

CONCLUSION

Applicants respectfully request that the present remarks be entered and made of record in the instant application. An early allowance of the application is earnestly requested. If any issues remain in connection herewith, the Examiner is respectfully invited to telephone the undersigned to discuss the same.

A Petition for Extension of Time is filed concurrently herewith. Other than the fee for an extension of time, no fee is believed to be due. However, if the Commissioner should determine that a fee is due, please charge the required amount to Pennie & Edmonds LLP deposit account no. 16-1150.

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Respectfully submitted,
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